

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 21511-921770		SERIAL No. 10/084,638		RECEIVED AUG 09 2002 TECH CENTER 1600/2900	
		APPLICANT BABICH, Michael		GROUP 1645 <i>1644</i>			
		FILING DATE: 02/27/02					
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>PN</i>	AA	5,275,814	Jan. 04, 1994	Wojdani			Jul. 10, 1991
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
FOREIGN PATENTS							
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Filing Date if Appropriate
	AN						
	AO						
	AP						
INTERNATIONAL SEARCH REPORT							
<i>PN</i>	AQ	PCT/US02/05911	27 February 2002				28 February 2001
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>PN</i> AR	VRTALA, S., et al. (1996) "Induction of IgE antibodies in mice and rhesus monkeys with recombinant birch pollen allergens: Different allergenicity of Bet v 1 and Bet v 2." <i>Allergy and Clinical Immunology</i> (98) 913-921.						
AS							
AT							
Examiner <i>Patricia L. Nola</i>						Date Considered <i>6/12/05</i>	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

BASED ON FORM PTO 1449

FORM PTO/SB/08A
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PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 2

Application Number:	10/084,638
Filing Date:	February 27, 2002
First Named Inventor:	BABICH, Michael
Group Art Unit	1645 1644
Examiner Name	Nolan not yet assigned
Attorney Docket Number:	21511-92177

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PN	A.1	5,583,046	Dec. 10, 1996	Valenta et al.	
PN	A.2	5,648,242	July 15, 1997	Valenta et al.	
	A.3				
	A.4				
	A.5				
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	A.13				
	A.14				

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A.15					
	A.16					
	A.17					
	A.18					
	A.19					

EXAMINER

P. J. Nolan

DATE CONSIDERED

6/12/05

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 2

Application Number	10/084,638
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First Named Inventor	BABICH, Michael
Group Art Unit	1643 1644
Examiner Name	Nolan not yet assigned
Attorney Docket Number	21511-92177

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PN	A.1	AALBERSE, R.C., et al. (2001) "Cross-reactivity of IgE antibodies to allergens." <i>Allergy</i> 56:478-490.	
	A.2	BABICH, M., et al. (1996) "Profilin Forms Tetramers That Bind to G-Actin." <i>Biochemical and Biophysical Research Communications</i> 218:125-131.	q
	A.3	DUBOST, R., et al. (2000) "Incidence de la Sensibilisation a la Profiline Dans Une Population Allergique Aux Pollens: Responsabilite de la Profiline Dans Des Polysensibilisations Polliniques Chez des Patients a Taux Normal D'IgE Totales." <i>Allergie et Immunologie</i> 32, 5: 199-206.	
	A.4	FEDOROV, A.A., et al. (1997) "The molecular basis for allergen cross-reactivity: crystal structure and IgE-epitope mapping of birch pollen profilin." <i>Structure</i> 5:1 33-45.	
	A.5	LEITNER, A., et al. (1998) "A mimotope defined by phage display inhibits IgE binding to the plant panallergen profilin." <i>Eur. J. Immunol.</i> 28:2921-2927.	
	A.6	MARI, A. (2001) "Multiple Pollen Sensitization: A Molecular Approach to the Diagnosis." <i>Allergy Immunology</i> 125:57-65.	
	A.7	MITTERMANN, I., et al. (1998) "Oligomerization of profilins for birch, man and yeast. Profilin, a ligand for itself?" <i>Sex Plant Reprod</i> 11:183-191.	
	A.8	PSARADELLIS, T., et al. (2000) "Recombinant Zea mays profilin forms multimers with pan-allergenic potential." <i>Allergy International</i> 49:27-35.	
	A.9	THORN, K.S., et al. (1997) "The crystal structure of a major allergen from plants." <i>Structure</i> 5:19-32.	
	A.10	VALENTA, R., et al. (1992) "Profilins Constitute a Novel Family of Functional Plant Pan-allergens." <i>J. Exp. Med.</i> 175:377-385.	
	A.11	VALENTA, R., et al. (2001) "Recombinant allergen molecules: tools to study effector cell activation." <i>Immunological Reviews</i> 179:119-127.	
PN	A.12	VRTALA, S., et al. (2001) "Genetic engineering of a hypoallergenic trimer of the major birch pollen allergen Bet v 1 ¹ ." <i>The FASEB Journal</i> 15:2045-2047.	
EXAMINER	fater / Nur		DATE CONSIDERED 6/12/05

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Sheet 1 of 1

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
PN	A.15	WO 99/16467 A1	04-08-1999	Vrtala, Susanne, et. al.		
	A.16					
	A.17					
	A.18					
	A.19					

EXAMINER

Patel J. Noe

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